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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/895,677	06/29/2001	Corey D. Gough	2207/11232	6881

7590 06/23/2003  
KENYON & KENYON  
Suite 600  
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San Jose, CA 95110-2711

EXAMINER

PATEL, NIKETA I

ART UNIT	PAPER NUMBER
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2182

DATE MAILED: 06/23/2003

3

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/895,677

Applicant(s)

GOUGH, COREY D.

Examiner

Niketa I. Patel

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09-21-2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

**Priority under 35 U.S.C. §§ 119 and 120**

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

Art Unit: 2182

DETAILED ACTION

*Specification*

1. The disclosure is objected because of the following informalities: a brief summary of the invention is missing from the disclosure. Appropriate correction is required.

*Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Ahern et al. U.S. Patent Number: 6,388,658 (hereinafter referred to as "*Ahern*".)

4. Referring to claims 1 and 5, *Ahern* discloses a switching system to interconnect a plurality of peripherals including a keyboard, a cursor control device, and a video display device with a plurality of computers, allowing a user to access any one of said computers by using said peripherals, comprising (see column 13 – lines 41-47):

an input/output switching hub to route keyboard and cursor control signals transmitted from the peripherals to a selected computer and to route video signals received from said selected computer to the video display device (see column 13 – lines 48-53);

Art Unit: 2182

a keyboard connection module, cursor control connection module and video connection module to receive said transmitted keyboard and cursor control signals, and to route said received video signals (see column 13 – lines 54-57);

a computer interface connection unit to route said transmitted keyboard and cursor control signals, and to receive said received video signals; and (see column 13 – lines 58-60.)

a memory device to store data from said selected computer, and to transfer said data to any one or more of said computers (see column 7 – lines 28-53 and element 401 in Figure 2.)

5. Referring to claims 2 and 6, *Ahern* discloses the input/output switching hub is coupled between the computer interface connection unit and the keyboard, cursor control and video connection modules (see column 1 – lines 63-67 and column 2 – lines 1-23.)

6. Referring to claims 3 and 7, *Ahern* discloses the keyboard connection, cursor control connection and video connection are coupled between the peripherals and the input/output switching hub (see column 13 – lines 48-57; column 1 – lines 63-67 and column 2 – lines 1-23.)

7. Referring to claims 4 and 8, *Ahern* discloses the computer interface connection unit is coupled between the input/output switching hub and the plurality of computers (see column 13 – lines 58-60.)

8. Referring to claim 9, *Ahern* discloses the computer connection interface unit comprises (see Abstract lines 1-10):

a plurality of keyboard interface connections (see Abstract lines 1-10);

a plurality of cursor control interface connections (see Abstract lines 1-10); and

a plurality of video interface connections (see Abstract lines 1-10.)

Art Unit: 2182

9. Referring to claim 10, *Ahern* discloses a defined interface that controls the memory (see column 7 – lines 28-53.)
10. Referring to claim 11, *Ahern* discloses the computer interface connection unit is for routing data to said memory device (see column 1 – lines 63-67 and column 2 – lines 1-23.)
11. Referring to claim 12, *Ahern* discloses random access memory as the memory device (see column 7 – lines 37-53.)
12. Referring to claim 13, *Ahern* discloses the memory is a fast magnetic data storage module (see column 7 – lines 37-53.)
13. Referring to claim 14, *Ahern* discloses a method of transferring data from a selected computer to any one of a plurality of computers through a switching system comprising (see Abstract lines 1-10):
  - providing a first user command on said data from said selected computer (see column 13 – lines 41-67 and column 14 lines 1-2);
  - transferring said data to a memory device of said switching system (see column 7 – lines 28-53);
  - switching from said selected computer to any one of said plurality of computers (see Abstract lines 1-10 and column 13 – lines 41-67 and column 14 lines 1-2); and
  - providing a second user command to transfer said data from said memory device to said one of a plurality of computers (see column 7 – lines 28-53; Abstract lines 1-10; column 13 – lines 41-67 and column 14 lines 1-2.)

Art Unit: 2182

14. Referring to claim 15, *Ahern* discloses the first and second user commands are identified by the computer four routing data between the memory device and the selected computer (see column 7 – lines 28-53 and Abstract lines 1-10.)

15. Referring to claim 16, *Ahern* discloses the switch from selected computer to any one of said plurality of computers (see column 13 – lines 41-67 and column 14 lines 1-2.)

### *Conclusion*

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following documents have been made record of to further show the state of the art as it pertains to switching systems that allow a user access to remotely located computers.

Beasley et al. U.S. Patent Number: 5,884,096

Beasley et al. U.S. Patent Number: 5,721,842

Lee U.S. Patent Number: 5,499,377

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Niketa I. Patel whose telephone number is (703) 305 4893. The examiner can normally be reached on M-F 9:00 A.M to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffery A. Gaffin can be reached on (703) 308 3301. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746 7239 for regular communications and (03) 746 7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305 9000.

NP  
June 19, 2003

  
KIM HUYNH  
PRIMARY EXAMINER 6/19/03